AUGUST

AT THE CALIFORNIA ACADEMY OF SCIENCES

AUGUST MEETINGS

Dates & Times: Matinee, 2:30 p.m., Wednesday August 15

Evenings, 8:00 p.m., Wednesday and Thursday, August 15-16

Place: May Treat Morrison Auditorium

Subject: "THE GREAT BARRIER REEF"

This prize-winning film was produced by the National Broadcasting Company in co-operation with the National Academy of Science.

A unique ecosystem off the coast of Australia is in danger. "The Crown of Thorns", a variety of starfish that eats live coral at the rate of a one-foot swath per minute, multiplies at an astonishing rate and there is the possibility that it can destroy the Great Barrier Reef.

The narrator and amateur diver involved in this motion picture is Hugh Downs of television renown. The photography is equal to any underwater sequences witnessed recently. There they are — the myriad and unusual inhabitants of the Reef in their multi-colored glory! Here is a film of interest to anyone concerned with preserving and cherishing the environment.

Three presentations as indicated and your membership card will admit you through the main entrance of Cowell Hall. At the matinee performance you will be asked to show it once again at the auditorium entrance.

MORRISON PLANETARIUM

"COSMIC EVOLUTION" is the summer attraction in the Theatre of the Stars through September 9. A fascinating look at our universe, man's concepts of it and how they have changed over the centuries.

Summer schedule of performances: Daily at 12:30, 2:00, 3:30 and 8:00 p.m. Extra shows late afternoons on Saturdays, Sundays and holidays. Admission is one dollar for adults and half-price for those 17 and under.

MORRISON AUDITORIUM

"SATURDAY WILDLIFE THEATRE SERIES". Free movies every Saturday afternoon through September 1. The performance at 12:45 is reserved for Academy members and their guests. The following two showings (at 2:15 and 3:45) are open to the general public in the Academy with no admission charge. Academy members are invited to these also. Two half-hour films are included in each program.

August 4: SEE AMERICA FIRST!
August 11: ALL ABOUT PELICANS
August 18: AUSTRALIAN ODDITIES
August 25: LIVING WATER
September 1: AFRICAN ADVENTURE

SPECIAL EXHIBITS

"CETACEA", a major Academy exhibit and one of the most arresting in recent history. Models, skeletons, artifacts, photographs and text devoted to whales, dolphins and porpoises. Continues indefinitely in Cowell Hall.

"NANCY BECHTEL'S SAFARI CAMERA," forty color enlargements of East African animals, people and plants. Also contemporary artifacts from this ancient continent. Continues through October in the Hohfeld Gallery adjacent Morrison Auditorium.

"NATURE ABSTRACTIONS", a repeat showing of the arresting black-and-white photographs by Staff Photographer Lloyd Ullberg. Lower Gallery, Cowell Hall.

"MAN AND NATURE (As interpreted by the Indians of North America)" continues in Lovell White Hall.

THROUGH LABOR DAY, SEPTEMBER 3, THE ACADEMY CONTINUES ITS POLICY OF BEING OPEN EVENINGS UNTIL NINE O'CLOCK

News and Notes

AT LONG LAST... AN OFFICIAL GUIDE TO THE CALIFORNIA ACADEMY OF SCIENCES! Now available for purchase at our sales desks (or by mail) is a handsome, colorful, inclusive guide that takes a visitor on a tour of the Academy. With this in hand while on the premises or perused at leisure before or after a visit, the many doors of the CAS complex open even wider than before. Thirty two pages long in a six by nine inch format, the guide contains 35 color photographs.

Basically it is an ecological interpretation of the many museum exhibits, an imaginative adjunct well worth the modest price of $1.00 per copy (add 25c for postage and handling if ordered by mail). It was researched and written by Bruce Finson, editor of *Pacific Discovery*, who also coordinated the production. It was designed by Johan Kooy, Art Director for *PD*. The color photos of the museum exhibits are by Staff Photographer Lloyd Ullberg with the aquarium pictures being supplied by Steinhart staff members. Enjoy it yourself and share the enjoyment with friends — both here and abroad.

December 1 and 2 of this year will find the second annual Louis Leakey Memorial Symposium convening in San Francisco under the co-sponsorship of the Leakey Foundation and the California Academy of Sciences. It will be presented at the Palace of Fine Arts.

Titled "In Search of Man", the symposium will feature these distinguished participants: Dr. Raymond A. Dart, Dr. Mary D. Leakey (schedule permitting), Dian Fossey, Dr. Richard L. Hay, Dr. Glynn LL. Isaac, Dr. Jane Van Lawick-Goodall, Dr. David A. Hamburg, Dr. Sherwood L. Washburn, Dr. J. Desmond Clark, and Dr. F. Clark Howell. The two-day program will focus on crucial discoveries in the study of man's origins, behavior and survival, asking how much can we learn from a reconstruction of the past and what does it all mean to us as individuals. The fee is $50 and more de-

tailed information will be forthcoming to the membership.

During the month of August, the Docent Council will be offering guided tours through selected areas of the Academy. The program was effective during July but information came too late to broadcast it earlier. All tours, with no reservation necessary, begin at the allosaur in Cowell Hall. On Mondays, Tuesdays and Thursdays they start at 10:30 in the morning. And on Tuesdays and Thursdays in the afternoon at one thirty. The trained docents for these interpretive peregrinations are well-versed in the wonders of North American Bird and Mammal Halls, Simson African Hall and Steinhart Aquarium.

Three astronomy courses will be offered by the staff of Morrison Planetarium beginning in September and October:

CELESTIAL NAVIGATION, a 16-week course beginning Tuesday evening September 11 and extending through January 8, 1974. This course will teach you how to fix a position on the high seas by using stars, planets, the sun and the moon, as well as the use of charts for plotting. Enrollment is $40 plus approximately $19 for supplies required. After the first two Tuesday meetings, the class will be divided into two groups meeting on Monday and Tuesday, 7:30-9:30 p.m. Members of the Academy are entitled to a 10% discount.

ASTRONOMY FOR FUN (and the family), a 12-week course beginning Tuesday, September 11, 7:30-9:30 p.m. For the novice, it opens up the what, why, when, where and how of the skies. Non-mathematical. Tuition is $25 with about $2.50 for materials. Academy members are entitled to a 10% discount. Both families and individuals will enjoy this course.

TELESCOPE MAKING, an 8-week course starting Tuesday, October 9, 7:00-9:00 p.m. Making your own telescope is a rewarding and inexpensive experience and anyone from eight to 80 can do it with a bit of concentration. Cost for the course is $25 *per family*. The cost of materials for constructing a completed 8" telepscope is approximately $80, about 25% of what the retail charge would be. Class size is limited so pre-register to avoid disappointment.

If making your own telescope appeals to you, come to the 7:00 p.m. star party being held at the Academy on October 2. You will have an opportunity to meet the class instructor and see examples of previous students' work.

For further information about the foregoing, please telephone or write the planetarium office. Pre-registration for all courses is welcomed. Telephone 221-5100, Extension 71.

TRAVEL NOTE. Spaces are still available for the *Bay Ecological Cruise* scheduled for Saturday, September 22, nine to four p.m. Cruise the Bay with members of the Academy's scientific staff. Study the bird life and ecology of our diminishing Bay. Bring a picnic lunch. Members only at $10 per person. Send reservation and check to Travel Committee, CAS, Golden Gate Park, San Francisco, CA 94118. Sorry, no telephone reservations.

NEW MEMBERS OF THE ACADEMY

REGULAR MEMBERS

Miss Mary E. Berry
Mr. Harold R. Brown
Miss Susan Cummings
Mr. Mike Doerr
Miss Mary P. Erceg
Mr. Paul Finnegan
Miss Judy Fisher
Mr. John Paul Galloway
Miss Jeannette Huber
Mr. Lawrence B. Kraft
Miss Claire Leibowitz
Mr. W. E. Lutz
Miss Linda Darlene Mahin
Miss Janna M. Mathiesen
Mrs. J. B. Mull
Mr. Neal J. McLens
Mr. Reuben Sanchez
Mr. Christian Simonsen
Mr. Patrick M. Simpson
Mr. Stan Sutton
Ms. Terry Wakeman
Miss Kathie Wilde

FAMILY MEMBERS

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Mr. Michael B. Stealey
Mrs. Sueann Stone
Mr. Ismael Torres
Mr. Theodore Wildenradt
Mr. & Mrs. Loren W. Wright

CONTRIBUTING MEMBERS

Mr. & Mrs. A. E. Alekian
Mr. Warren R. Howell
Dr. & Mrs. Samuel D. McFadden
Mr. & Mrs. Craig Wallace

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ACADEMY OF SCIENCES
JUL 23 1973
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No. 404 • Published Monthly by the
CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 94118
(415) 221-5100
Open every day of the year

AUGUST 1973

Printed on 100% Recycled Paper

ACADEMY NEWSLETTER